

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

# Lighting for Patient Spaces

## "Dead Front" 6" Shower Light

Up to 90,000 Hour Life • Type IC • Air Tight Optional  
Wet Location • LM-80 Qualified • LM-79 Certified Photometry

# MRR-06705



## Specifications

### Delivered System Performance\*

- Lumen Series: **Must Specify**
  - 2000L (25W)
  - 1500L (20W)
  - 1000L (11W)
- Distribution: MFL standard; optional: -SPT, -NFL, or -WFL
- Color temperature: 3500°K standard; optional: -27K, -30K, -41K, or -50K
- CRI: 80+ standard; optional: -HC (90+)
- 90,000 hour life (L70\*\*)
- Fully sustainable: removable for servicing

### Thermal Management System

- Aluminum heat sink and components for cool operation, long life, and low maintenance

### LED Driver - INTERNAL

- Indoor/Outdoor: -30°C to 60°C (-22°F to 140°F)
- 0-10V CCR dimming standard (100-10%)
- Voltage Options: **Must Specify**
  - 120: -120V (50-60Hz); load insensitive
  - 277: -277V (50-60Hz); load insensitive

### Trim Assembly

- Electrically isolated "dead front" gasketed trim
- Seamless tapered rustproof aluminum; self-flanged with white finish (field paintable)
- Regressed tempered prismatic spread lens

### Acrylic Enamelled Aluminum Housing

- Rustproof: exceeds 1000 hour ASTM 5% salt spray test; all components fully sustainable
- Shallow depth fits restricted plenums
- Cool operation extends component life
- Modular design; visible and fully serviceable through aperture
- Built-in plaster flange

### Outlet Box (Galvanized)

- UL Listed, 14GA, insulated, removable cover
- 1/2" and 3/4" knockouts

### Installation & Hardware

- Indoor/outdoor in ceilings up to 1 1/8" thick
- Compatible with fire rated enclosures (by others)
- 27" galvanized hanger bars & adjusting brackets (2) supplied

### UL, C-UL (Canada) Listings

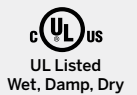
- Wet, damp or dry locations, covered ceilings
- Type IC: for direct contact with insulation
- Through-branch conductors (4 #12 AWG 90°C)

### IEC & FCC Compliance

- Meets IEC/EN 60601-1-2 electromagnetic compatibility standard for medical electrical equipment
- FCC Part 15 certified for EMI/RFI emissions

### FIVE YEAR Limited Warranty

- Complete standard fixture

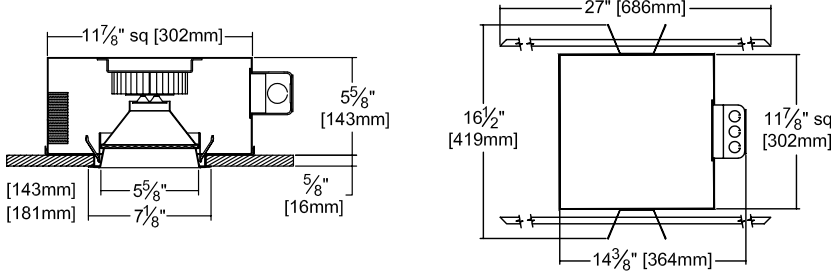


## Options and Ordering Configuration

(Example: MRR-06705-2000L-120-30K-NFL)

Must Specify			Optional					
Model	Lumens	Volts	CCT & CRI	Beam	Driver Options	Emergency	Lens & Trim Options	Other Options
MRR-06705								
	-2000L -1500L -1000L	-120 -277 -97: Other voltage; consult factory	(Blank): 35K, 80+ CRI  80+ CRI -27K: 2700°K -30K: 3000°K -35K: 3500°K -41K: 4000°K -50K: 5000°K  90+ CRI -27K-HC: 2700°K -30K-HC: 3000°K -35K-HC: 3500°K -41K-HC: 4000°K -50K-HC: 5000°K	(Blank): MFL  -SPT -NFL -WFL	(Blank): Standard 0-10V CCR 10% dim  -D1: 0-10V 1.0% dim -D2†: 0-10V 0.1% dim -D3†: DALI 1.0% dim -D4†: DALI 100-0.1% dim -D5†: DMX512A 0.1% dim	(Blank): None  -E1: Remote emergency inverter for 100% rated lumens; 90+ minutes; 60 Hz input only; N/A for option -FS	(Blank): White trim, regressed prismatic lens  <b>Trim Finishes</b> -62T: Clear specular trim instead -BG: BioGard™ anti-microbial white -BKBG: BioGard™ anti-microbial black -94: Custom color; consult factory -94BG: BioGard™ anti-microbial custom color finish <b>Other Trim Features</b> -32: White trim extender; specify OD <b>Lens Options</b> -13: .125" clear poly. lens overlay -23: Frosted microprismatic lens -CF: Custom color filter (Rosco); specify -WA: White acrylic (flat) diffuser instead; will produce wide flood distribution	(Blank): None  <b>Mounting</b> -79: Extension collar; ceilings up to 2" thick  <b>Other Options</b> -99: Special modification; consult factory -AT: Air Tight version; Meets ASTM E283 airflow restriction of 2CFM max -FS: Fused primary; One per fixture; not for use with Option -E1
*See note next page								
<b>Projected L70** for Kirlin Luminaires</b> In Open Plenum 90,000 hours In Insulation (Type IC) 60,000 hours **Hours at 70% lumen maintenance								
						† Consult factory for use with -2000L lumen series		

## Dimensions



**Ceiling Cut-out**  
6 1/2" Dia.

## Performance Factors

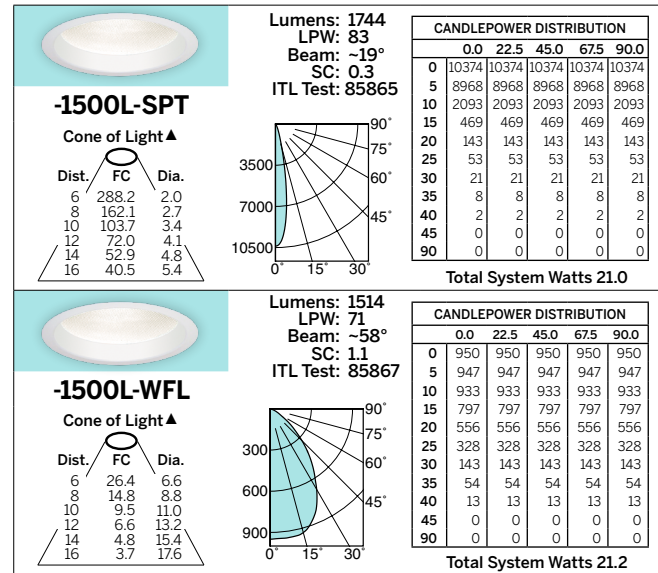
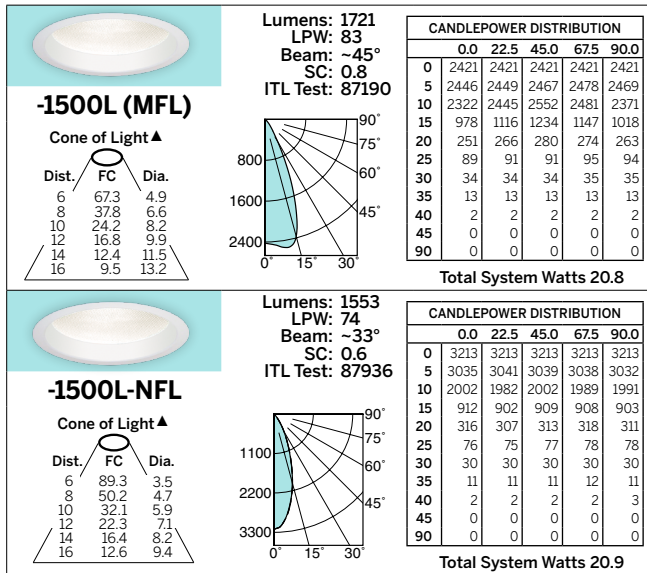
NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-2000L	1.26	1.37	0.92
-1500L	1.00	1.00	1.00
-1000L	0.58	0.50	1.17

\* See notes on page 1 for additional info on Lumen Factors

## Photometry - Installed Complete Fixture

Photometry from I.T.L., Boulder, CO

LM-79 IESNA Certified Photometry from Independent Lab



\*LED manufacturers maintain a tolerance of +/-7% on flux (lumens) and power (electrical) measurements.

▲ Cone of Light Key  
Dist. (in ft.) from fixture  
FC Footcandles at nadir (0°)  
Dia. Circle of light at 50% of FC

LIMITED WARRANTY: KIRLIN LIGHTING PRODUCTS ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THE TERM OF THE WARRANTY PERIOD FROM THE DATE OF PURCHASE. INSTALLATION MUST BE BY AN ILLUMINATION PROFESSIONAL. THE WARRANTY IS VOID IF THE PRODUCT IS NOT INSTALLED OR MAINTAINED ACCORDING TO THE INSTRUCTIONS PROVIDED. THE WARRANTY DOES NOT COVER DAMAGE TO THE PRODUCT OR TO OTHER PROPERTY CAUSED BY IMPROPER INSTALLATION, MAINTENANCE, OR USE. THE WARRANTY IS VOID IF THE PRODUCT IS USED IN A MANNER NOT INTENDED BY THE MANUFACTURER. THE WARRANTY IS VOID IF THE PRODUCT IS USED IN A MANNER THAT IS NOT APPROVED BY THE MANUFACTURER. THE WARRANTY IS VOID IF THE PRODUCT IS USED IN A MANNER THAT IS NOT APPROVED BY THE MANUFACTURER. THE WARRANTY IS VOID IF THE PRODUCT IS USED IN A MANNER THAT IS NOT APPROVED BY THE MANUFACTURER.

PATENT SPACES  
NOVEMBER 2024